

In the Claims:

1. (currently amended) A device for electrically connecting a connecting line to an electrode, comprising:

a housing;

a ~~first~~ contact member mounted in said housing for connection to a contact pin of an electrode, said contact member having a first energy storage element for spring biasing said contact member to engage the contact pin;~~and~~

~~a first~~ and second actuating elements movably mounted in said housing to deflect said ~~energy storing element~~ and move said contact member to an open position to receive the contact pin;

a drive element rotatably mounted in said housing, said actuating elements being eccentrically connected on said drive element.

2. (original) A device according to claim 1 wherein the electrode is a medical skin electrode.

3. (cancelled)

4. (original) A device according to claim 3 wherein said drive element comprises an eccentrically extending contact surface, such that when said drive element is rotated said contact member is moved to said open position.

5. (currently amended) A device according to claim 4 wherein said drive element and said actuating elements are eccentrically connected to one another by ~~a pin~~ on one of said drive element and said actuating elements being received in ~~a slot~~ in the other of said drive element and said actuating elements.

6. (cancelled)

7. (currently device) A device according to claim 31 wherein said drive element and said actuating elements have interacting stopping means for limiting displacement of said actuating elements.

8. A device according to claim 1 wherein ~~a second~~said contact member is mounted in said housing for connection to the contact pin and has a second energy storing element for spring biasing said ~~second~~ contact member to engage the contact pin; and being movable to an open position by said actuating elements ~~—— a second actuating element is mounted in said housing to deflect said second energy storing element and move said second contact member to an open position to receive the contact pin.~~

9. (cancelled)

10. (original) A device according to claim 1 wherein said housing a top with a rounded shape.

11. (original) A device according to claim 1 wherein said housing comprises a surface facing the electrode to be engaged, said surface having an elastoplastic wall having a hardness less than hardnesses of other walls of said housing.

12. (original) A device according to claim 11 wherein said elastoplastic wall is made from a thermoplastic elastomer.

13. (currently amended) A device for electrically connecting a line to an electrode, comprising

a housing having a bore extending along a longitudinal axis of the housing and having a first lateral opening extending substantially perpendicular to said longitudinal axis and being connected therewith;

a driving element ~~rotatable~~rotatably mounted in said bore and having a cam at an inner end thereof and eccentric to said longitudinal axis;

a contact member engaged by said cam, mounted in said housing and extending across a portion of said bore substantially perpendicular to said longitudinal axis, said contact member being spring biased toward a closed position in a direction of said longitudinal axis and being moveable to an open position away from said longitudinal axis by rotation of said cam; and

a first actuating element movable translationally in directions substantially perpendicular to said longitudinal axis in said first lateral opening and eccentrically coupled to said driving element to rotate said driving element as said first actuating element moves toward and away from said longitudinal axis.

14. (original) A device according to claim 13 wherein the electrode is a medical skin electrode.

15. (original) A device according to claim 13 wherein said drive element and said actuating element are eccentrically connected to one another by a pin on one of said drive element and said actuating element being received in a slot in the other of said drive element and said actuating element.

16. (original) A device according to claim 13 wherein said drive element and said actuating element have interacting means for limiting displacement of said actuating element.

17. (original) A device according to claim 13 wherein a second contact member engaged by said cam, is mounted in said housing, extends across at portion of said bore substantially perpendicular to said longitudinal axis, is spring biased toward a closed position in a direction of the longitudinal axis, and is movable to an open position away from said longitudinal axis by rotation of said cam; and

a second actuating element is mounted a second lateral opening in said housing, is movable translationally and substantially perpendicular to said longitudinal axis and is eccentrically coupled to said driving element.

18. (original) A device according to claim 13 wherein said housing a top with a rounded shape.
19. (original) A device according to claim 13 wherein said housing comprises a surface facing the electrode to be engaged, said surface having an elastoplastic wall having a hardness less than hardnesses of other walls of said housing.
20. (original) A device according to claim 19 wherein said elastoplastic wall is made from a thermoplastic elastomer.
21. (new) A device for electrically connecting a connecting line to an electrode, comprising:
a housing;
a contact member mounted in said housing for connection to a contact pin of an electrode, said contact member having first energy storage element for spring biasing said contact member to engage the contact pin;
a first actuating element mounted in said housing to deflect and move said contact member to an open position to receive the contact pin; and
a drive element rotatably mounted in said housing, said drive element and said actuating element being eccentrically connected to one another by a pin on one of said drive element and said actuating element being received in a slot in the other of said drive element and said actuating element.
22. (new) A device according to claim 21 wherein said drive element comprises an eccentrically extending contact surface, such that when said drive element is rotated said contact member is moved to said open position.
23. (new) A device according to claim 21 wherein said drive element and said actuating element have interacting stopping means for limiting displacement of said actuating element.